

**INFORMATION DISCLOSURE  
CITATION**

**ATTY. DOCKET NO.**

**SERIAL NO.**

2018-747

10/625,697

THE VERSO

KAWAI e

THE BOSTONIAN

July 24, 2003

2932

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PARENT DOCUMENTS						ABSTRACT	
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS		YES	NO

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

TTIN Notice of Rejection in Appeal No. 2003-10895; Application No. 9-214943; Notice Date: October 8, 2004; with partial translation

**\*Examiner**

NGUYỄN

**Date Considered**

3/6/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Form PTO-FB-A820 (Also PTO-1449)

## INFORMATION DISCLOSURE CITATION

SEP 29 2004

(Use separate sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

2018-747

Not yet assigned

APPLICANT

KAWAI et al (As Amended)

FILING DATE

GROUP

July 24, 2003

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TTN	4866409	9/1989	Umezaki			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	TRANSLATION			
			CLASS	SUBCLASS	YES	
DE 3113743A1	10/1982	Germany				
WO 93/13533	8/1993	WIPO				
0388146 A1	9/1990	EPO				
0738831 A2	10/1996	EPO				
0827163 A2	3/1998	EPO				
2512714	09/1976	Germany				
0258036	03/1988	EPO				
2302616A	01/1997	Great Britain				
10-112413	04/1998	Japan				
1 125519	08/1989	Japan				
1 63120	04/1989	Japan				
62 197831	12/1987	Japan				
9 186034	07/1997	Japan				
5 267072	10/1993	Japan				
3 236208	10/1991	Japan				
2 301105	12/1990	Japan				
TTN	58-61615	04/1983	Japan			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

TTN	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60 192313 A (Nippon Denso KK), 30 September 1985
	PATENT ABSTRACTS OF JAPAN, Vol. 013, No. 254 (E-772), 13 June 1989 & JP 01 053514A (Nippon Denso Co. Ltd.), 1 March 1989
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 008, 30 August 1996 & JP 08 086267A (Toyo Denso Co. Ltd.), 2 April 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 097, No. 005, 30 May 1997 & JP 09 017662A (Hitachi Ltd: Hitachi Automot Eng Co Ltd), 17 January 1997
	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 430 (C-1236), 11 August 1994 & JP 06 128471A (Toray Ind Inc); 10 May 1994
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 003, 29 March 1996 & JP 07 312839 A (Mitsubishi Electric Corp); 28 November 1995
TTN	Engineering Drawing No. 029700-4790 of DENSO dated 1990

\*Examiner NGUYEN Date Considered 9/17/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

## FOREIGN PATENT DOCUMENTS

					ABSTRACT		
DOCUMENT		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
TTN	0 703 588 A1	03/1996	EP				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

**\*Examiner**

NGUYEN

**Date Considered**

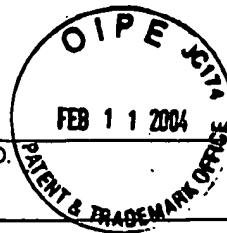
3/6/05

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**INFORMATION DISCLOSURE  
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**SERIAL NO.**

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(Use several sheets if necessary)

KAWAI et al (As Amended)

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**FILED DATE**

**GROUP**

July 24, 2003

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10 of 10

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

						ABSTRACT		
DOCUMENT		DATE		COUNTRY	CLASS	SUBCLASS	YES	NO
11N	52-017136	02/1977		JAPAN			XX	
1	08-124779	05/1996		JAPAN			XX	
	3026649	05/1996		JAPAN				XX
	64-001445	01/1989		JAPAN			XX	
	05-012922	01/1993		JAPAN			XX	
11N	08-102424	04/1996		JAPAN			XX	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

**\*Examiner**

NGUYEN

**Date Considered**

3/6/05

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<b>INFORMATION DISCLOSURE CITATION</b>	<b>ATTY. DOCKET NO.</b>	<b>SERIAL NO.</b>
	<u>2018-747</u>	<u>To Be Assigned</u>
<b>APPLICANT</b>		
<u>KAWAI et al (As Amended)</u>		
<b>(Use several sheets if necessary)</b>	<b>FILING DATE</b>	<b>GROUP</b>
	<u>July 24, 2003</u>	<u>unknown</u>

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

Examiner: MC GOWAN Date Considered: 1/1/15

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 2018-747	SERIAL NO. Not yet assigned					
(Use several sheets if necessary)		APPLICANT KAWAI et al (As Amended)						
		FILING DATE July 24, 2003	GROUP					
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
TTN	4866409	9/1989	Umezaki					
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	WO 93/13533	8/1993	WIPO					
	0388146 A1	9/1990	EPO					
	0738831 A2	10/1996	EPO					
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	3 236208	10/1991	Japan					
	2 301105	12/1990	Japan					
TTN	58-61615	04/1983	Japan					
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TTN	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983							
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996							
	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60 192313 A (Nippon Denso KK), 30 September 1985							
	PATENT ABSTRACTS OF JAPAN, Vol. 013, No. 254 (E-772), 13 June 1989 & JP 01 053514A (Nippon Denso Co. Ltd.), 1 March 1989							
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 008, 30 August 1996 & JP 08 086267A (Toyo Denso Co. Ltd.), 2 April 1996							
	PATENT ABSTRACTS OF JAPAN, Vol. 097, No. 005, 30 May 1997 & JP 09 017662A (Hitachi Ltd: Hitachi Automot Eng Co Ltd), 17 January 1997							
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	Engineering Drawing No. 029700-4790 of DENSO dated 1990 <i>NO MONTAGE</i>							
*Examiner	NGUYEN	Date Considered		3/6/05				

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U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
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	5 778 863	07/1998	OOSUKA			
	5 703 556	12/1997	KIKUTA			
	4 982 498	01/1991	UMEZAKI			
	4 803 454	02/1991	UMEZAKI			
	4 736 179	04/1988	BEHNKE			
	4 532 398	07/1985	HENRIKSSON			
	4 325 096	04/1982	SUNOHARA			
	2 743 308	04/1956	BARDSLEY			
	4 744 337	05/1988	EBINUMA			
TTN	4 514 712	07/1998	MCDOUGAL			
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				TRANSLATION		
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
TTN	Y2-59-030501	08/1984	JAPAN			
	A 09-022825	01/1997	JAPAN			
	A 09-180948	07/1997	JAPAN			
	A 09-171934	06/1997	JAPAN			
	A 9-167709	06/1997	JAPAN			
	0 782 231 A1	02/1997	EP			
	A 05-021242	01/1993	JAPAN			
	A 62-166745	07/1987	JAPAN			
	A 50-74123	06/1975	JAPAN			
	1 156 732	11/1983	CANADA			
TTN	A 05-146107	6/1993	JAPAN			

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

\*Examiner

NGUYEN

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**Date Considered**

3/10/05

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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

TTW Journal of NIPPONDENSO Technical Disclosure; *Ignition Device for Internal Combustion Engine*; No. 81-083; November 15, 1991 with Translation

\*Examiner NGUYEN Date Considered 3/8/05

8 - PTC 70-1000 (M) - PTC 1110